

CLAIMS:

I claim:

1        1. A wobbling irrigation sprinkler head  
2 comprising;

3              a base having an attachment portion for attaching  
4 to a water source;

5              a nozzle mounted to said base for directing water  
6 from said water supply therethrough;

7              a wobbling water deflector head movably attached  
8 to said base and having a water deflector pad thereon  
9 having a deflector surface of predetermined positioned  
10 to deflect water being emitted from said nozzle to  
11 rotate said wobbling water deflector head; and

12              a counterbalancing skirt extending from said  
13 water deflecting head around a portion of base and  
14 spaced from said base for rotation with said wobbling  
15 water deflector head;

16              whereby said counterbalancing skirt  
17 counterbalances said water deflector head to dampen  
18 vibration forces in said deflector head.

1        2. The wobbling irrigation sprinkler head in  
2 accordance with claim 1 in which said water deflecting  
3 head has a loose fitting sleeve portion mounted over  
4 a flange on said base to thereby allow a wobbling  
5 rotation of said water deflecting head on said base.

1        3. The wobbling irrigation sprinkler head in  
2 accordance with claim 2 in which said water deflecting  
3 pad is supported on the end of at least one supporting  
4 arm extending from said sleeve.

1       4. The wobbling irrigation sprinkler head in  
2 accordance with claim 3 in which said water deflecting  
3 pad is supported on the end of a plurality of  
4 supporting arms extending from said sleeve.

1       5. The wobbling irrigation sprinkler head in  
2 accordance with claim 3 in which counterbalancing  
3 skirt is attached to said loose fitting sleeve and  
4 extends therefrom around said base.

1       6. The wobbling irrigation sprinkler head in  
2 accordance with claim 5 in which counterbalancing  
3 skirt has a plurality of open areas therein.

1       7. The wobbling irrigation sprinkler head in  
2 accordance with claim 6 in which said counterbalancing  
3 skirt flares from said water deflector head adjacent  
4 to and surrounding said base.

1       8. The wobbling irrigation sprinkler head in  
2 accordance with claim 7 in which said counterbalancing  
3 skirt is positioned for the balancing point wobbling  
4 deflector head is between .15 and .5 inches below the  
5 rotation point of said wobbling deflector head.

1       9. The wobbling irrigation sprinkler head in  
2 accordance with claim 7 in which said counterbalancing  
3 skirt is made of plastic.

1       10. The wobbling irrigation sprinkler head in  
2 accordance with claim 7 in which said water deflector  
3 head deflector pad surface has grooved channels  
4 arcuately formed therein shaped to rotate said  
5 deflector head.